

Development of:

Backend ERP (erp.krishvfms.com)	Customer App (Android / iOS)
Security App (Android)	New FM App (Android / iOS)

ERP (Backend / Company Panel)

Sl.No	Task	Description
1	Entry types DONE	<p>In this Update:</p> <ul style="list-style-type: none"> • Main category (e.g. repair and maintenance) • Sub category (e.g. AC Repair - optional) • Companies <ul style="list-style-type: none"> ◦ Name and logo • Exit trigger waiting time (for e.g. in case of delivery 10 mins) <p>Module(s):</p> <p>Master > Entry types</p>
2	FM Checklist DONE	<p>In this Update:</p> <ul style="list-style-type: none"> • FM Checklist <ul style="list-style-type: none"> ◦ Check / Uncheck ◦ Yes / No ◦ Number ◦ Range (e.g. between 1 - 100) ◦ Short Text Input ◦ Long Comments ◦ Custom Option (Dropdown) ◦ Upload file(s) ◦ Add a checklist item (e.g. DG) ◦ Attributes (e.g. Fuel capacity) ◦ Response types (Allow multiple options for single attribute) <p>New Module(s):</p> <p>FM Module > FM Checklist FM Module > Recurring Updates</p>
3	Project Coordinators DONE	<p>In this Update:</p> <ul style="list-style-type: none"> • New User type: Coordinator User • Create an account of project coordinators similar to project owner admins. • User login set-up • Complete project data access by its role (Observer / Admin)

New Module(s):

Project Owners > Coordinators (Super Admin Only)

4

Society /
Projects

DONE

In this Update:

- Project coordinators
 - Observer (Read-Only)
 - Admin (Full-access)
 - Option to add project coordinator (Multiple) to the project
 - Define access type:

- General Information
 - Total number of gates
 - Gate no. and name
 - Construction type : Under Construction / Completed

- Association Details
 - Name of the person
 - Designation
 - Contact number
 - Photo
 - Association name
 - Committee Member(Multiple)

- Add Move-in / Move-out terms and conditions

- FM Checklist
 - Cycle: Daily, weekly, monthly, yearly, Every x-hour, Every x-day, Every x-week, Every x-month, Every x-year, Every week-day
 - Creation time and submission time
 - Select and add checklist items from master
 - Set frequency (Optional)
 - Assign to security user(s) and/or user(s)
 - Notification will be sent to the assigned users at the time of recurring update creation.
 - Add Location name and coordinates (Lat/Long)
 - QR code generation and make it downloadable

- Bank Account
 - Option to add multiple bank account details
 - Checkbox to “Mark as Society Account”

- Visitor booking
 - Slot name, start time, end time
 - Project visit active : Yes / No
 - Booking Status : Allowed / Not Allowed
 - Time slots (Multiple)
 - Customer next visit schedule interval days

- Project GEO Coordinates
 - Add Latitude / Longitude for user punches

New Module:

		Society Management > Projects
5	User Account DONE	<p>In this Update:</p> <ul style="list-style-type: none"> • Add department to user account • One department of “Service Providers” will work as technician users only. • All User accounts will be shown in the department (team) wise boxed layout (Similar as interior software) • Punch In / Punch Out <ul style="list-style-type: none"> ◦ Project based location ◦ Any location ◦ Yes / No ◦ Once In a day ◦ Multiple times ◦ Project Lock Status ◦ Auto punch-out status ◦ Multi Punch-In/Out status <p>New Module:</p> <p>Users > Accounts</p>
6	Help Desk DONE	<p>In this Section:</p> <p>Customer Tickets</p> <ul style="list-style-type: none"> • Enhancement of the process • STEP 1: <ul style="list-style-type: none"> ◦ New tickets will be delivered to Supervisors (FM) (exists) • STEP 2: <ul style="list-style-type: none"> ◦ FM will be assigning the ticket to the User (user from “Technician” department) • STEP 3: <ul style="list-style-type: none"> ◦ When a technician reaches the customer flat, He has to start the service by entering the OTP (Record the start time, capture the location coordinates) in the FM mobile app. OTP will be shared to the customer by SMS & in the app ◦ Give a manual option to approve and start the service from the ERP by the FM or Admin. ◦ Once the service is completed, again our technician needs to ask OTP from the customer to complete the service (Record the end time, capture the location) and write comments (Job note) about the service. ◦ After a completion of service, in the next x mins or x hours customer will receive a feedback sms (A unique shortened link will be generated) and mobile app notification. ◦ Both ways customer can share his/her feedback through the app or by the SMS ◦ On the feedback page, Star rating (1-5) and comments (optional) ◦ Complete tracking information for every ticket in a single page ◦ Process: ◦ NEXT: <p>Security Tickets</p> <ul style="list-style-type: none"> • STEP 1: <ul style="list-style-type: none"> ◦ New tickets will be delivered to Supervisors (FM Only) • STEP 2: <ul style="list-style-type: none"> ◦ FM will be assigning the ticket to the User (User from any department) • STEP 3: <ul style="list-style-type: none"> ◦ When a person reaches the project, He has to start the service by entering the OTP (Record the start time, capture the location coordinates) in the FM mobile app. Security guards can check the OTP in the ticket details screen in the security guard app. ◦ Give a manual option to approve and start the service from the ERP by the FM or Admin. ◦ Once the service is completed, Our person can mark as “Complete the service” and write comments (Record the end time, capture the location also verify the project location if applicable) ◦ Complete tracking information for every ticket in a single page ◦ Process: <p>New Module:</p> <p>Help Desk > Customer tickets</p>

		Help Desk > Security tickets
7	Visitor Bookings DONE	<p>In this Section:</p> <ul style="list-style-type: none"> • Customer project visit requests will be shown in this module. • A new visit request can be added from the backend for the existing time slots or custom time slot for the customer. • Add/edit/update/delete/undo of visit bookings • Entry OTP code generation and visible to Supervisor/Admin only in the erp. <p>New Module: Request > Project Visit Bookings</p>
8	Project Updates DONE	<p>In this Section:</p> <ul style="list-style-type: none"> • Project , Building/ Block <ul style="list-style-type: none"> ◦ Show the list of document names with checkboxes uploaded under project creation. ◦ Just check the document to attach with an update. ◦ Upload latest photos of project with version, title, date of completion ◦ Comments to mention (same should be displayed in customer app) ◦ Option to attach other documents (e.g. floor plan, RERA, etc.) with the update <p>New Module: Project Updates</p>
9	Flat Requests DONE	<p>In this Update:</p> <ul style="list-style-type: none"> • Flat enrollment requests <ul style="list-style-type: none"> ◦ Handle multiple rejection of the request ◦ Keep the communication history ◦ Notify a customer with comments on rejection ◦ Allow customers to re-submit the correction changes. ◦ User Enrollment type: New Customer / Live-In ◦ Show the complete field information of “Owner Information form” and “Tenant information form” details. ◦ Allow to communicate <p>Module(s): Flat Owners > Flat Requests</p>
10	User Attendance DONE	<p>In this Update:</p> <ul style="list-style-type: none"> • Remove the current login / logout based attendance records. • Show Punch-In / Punch-Outs data of users. <p>Module(s): Attendance > Users</p>
11	Filter & Sorting DONE	<p>In this Update:</p> <ul style="list-style-type: none"> • Provide the respective attribute filter and sorting options in these modules: <ul style="list-style-type: none"> ◦ Flat Requests

		<ul style="list-style-type: none"> ○ Tenant Removal Requests ○ Users ○ Security Guards ○ Staffs ○ Master > Localizations ○ Flat Owners ○ Attendance ○ Users > Accounts ○ Project Owners > Coordinators ○ Help Desk (Security) ○ Request > Visitor Bookings
12	Localizations DONE	<p>In this Update:</p> <ul style="list-style-type: none"> • Staff Departments <p>Module(s):</p> <p>Master > Localizations</p>
13	Other DONE	<p>In this Update:</p> <ul style="list-style-type: none"> • Help Desk (Customer) <ul style="list-style-type: none"> ○ Display a “Suitable visit time” • Dropdown list with search in all the places. • Combine Module <ul style="list-style-type: none"> ○ Help Desk (Customer) ○ Help Desk (Security) ○ Attendance ○ FM Checklist Updates <ul style="list-style-type: none"> ▪ Display a history of recurring updates (Pending, completed) ○ FM Module • Krish-V Logo <ul style="list-style-type: none"> ○ Change to Krish-V Facility in back end portal
14	Reports DONE	<p>In this Update:</p> <ul style="list-style-type: none"> • Attendance <ul style="list-style-type: none"> ○ Users (Punch-In/Punch-Out) (NEW) • Modified the customer tickets report • Get a report of security guard tickets (Pending, resolved, Not assigned, etc.) • Get a report of project visit bookings and entry and exit timings (from security guard app). • Get a report of project FM checklist recurring updates. <p>Module(s):</p> <p>Reports > Help Desk (Customer Tickets)</p> <p>New Module(s):</p> <p>Reports > Attendance > Users</p> <p>Reports > Help Desk (Security Tickets)</p> <p>Reports > Project Visit Bookings</p>

Customer Mobile Apps

Sl.No	Task	Description
1	<p>New Customer Enrollment Process</p> <p>DONE</p>	<p>In this Update:</p> <ul style="list-style-type: none"> • Divide app users in two categories <ul style="list-style-type: none"> ◦ New Customer ◦ Live-In Customer (Current user in the app) • Flat enrollment process (Enhanced) <ul style="list-style-type: none"> ◦ Have you received a possession letter? Yes / No ◦ If Yes, treat him as a “Live-In Customer”. ◦ If No, treat him as a “New Customer” ◦ Select the flat number ◦ Ownership type: Owner or Tenant ◦ Select the project ◦ As per project selection, find out the project construction type. ◦ If the project construction is Completed, Treat him as “Live-In Customer” ◦ If the project is Under Construction, ◦ “Live-In Customer” (Current) • If Owner, _____ • Owner name • Occupation • Company / business name • Spouse name (If any) • Number of family members (children, parent, siblings) • Primary Contact detail <ul style="list-style-type: none"> ◦ Phone, email • Emergency contact number • Blood group • Live-In Maid / Domestic helper: Yes / No <ul style="list-style-type: none"> ◦ 2W, 4W ◦ If yes, type of pet ◦ If yes, Name and contact number (Multiple helpers) ◦ Vehicle detail ◦ Pets: Yes / No ◦ Upload possession letter ◦ Declaration confirm • If tenant, _____ • Owner name • Tenant name (As per aadhaar) • Tenant Address (As per aadhaar) • Occupation • Company / business name • Primary Contact detail <ul style="list-style-type: none"> ◦ Phone, email • Spouse name (If any) • Staying with: Family / Single • Nationality: Indian / Foreigner • Number of family members (children, parent, siblings) • Move In date • Emergency contact number • Blood group

		<ul style="list-style-type: none"> • Live-In Maid / Domestic helper: Yes / No <ul style="list-style-type: none"> ◦ If yes, Name and contact number (Multiple helpers) • Vehicle detail <ul style="list-style-type: none"> ◦ 2W, 4W • Pets: Yes / No <ul style="list-style-type: none"> ◦ If yes, type of pet • Upload rental agreement • Declaration confirm • “New Customer” (New) <ul style="list-style-type: none"> ◦ Select the flat number ◦ Upload agreement letter • Handle request rejection <ul style="list-style-type: none"> ◦ Check the rejection comments ◦ Re-submit the correction changes • Process <ul style="list-style-type: none"> ◦ Once the details are submitted, wait for the approval ◦ If approve, continue using app modules: ◦ All module access to “Live-In Customer” (Current) <p>Module(s):</p> <p>App User Registration</p>
2	<p>New Customer</p> <p>DONE</p>	<p>In this Update:</p> <ul style="list-style-type: none"> • New Customer • Visit requests _____ • Place a visit request • Select the date (find out the date week day name and check for slots) • Show the available slots • Accept the terms and conditions • Validate interval days with previous booking if any • Generate the OTP and display in the app • Project updates _____ • Display all the project updates • Downloadable attachments • Flat Move-In _____ • Option to fill “Owner information form” details and upload the possession letter. • After approval from the admin panel then enable the “Live-In Customer” modules. • If rejected, option to enter the comments and re-upload the possession letter.
3	<p>Help Desk (Complaints)</p> <p>DONE</p>	<p>In this Update:</p> <ul style="list-style-type: none"> • Rename “Complaints” <ul style="list-style-type: none"> ◦ Change the name from complaints to Help Desk in all the places ◦ A) Complaints> “ + “ > change to Raise Ticket. • Add project supervisor detail in the above “Help desk” section <ul style="list-style-type: none"> ◦ Supervisor Name (FM) ◦ Photo ◦ Contact No ◦ Provide Phone symbol, Email symbol

		<ul style="list-style-type: none"> ○ Quick action “Click to call” and “Click to email” buttons. ● Raise a Ticket - Category - Community - rename to Common areas ● Notification to Admin/FM both ● Choose a Priority <ul style="list-style-type: none"> ○ Critical, High, Normal and low ● If category is Flat, give an option to the customer to add their “Suitable time to visit” (Optional) ● Show the tracking information on the ticket screen <ul style="list-style-type: none"> ○ Status updates ○ Start / End service OTP ○ Service Feedback/rating <p>Module(s):</p> <p>Complaints Screen</p>
4	Announcements DONE	<p>In this Update:</p> <ul style="list-style-type: none"> ● Rename to Society Notice Board - Show on home screen as Icon ● If any URLs are given in text. Let it be as URL only instead of text
5	Committee Members DONE	<p>In this Update:</p> <ul style="list-style-type: none"> ● Show committee members in the app <ul style="list-style-type: none"> ○ Member name ○ Designation ○ Photo
6	Notifications DONE	<p>In this Update:</p> <ul style="list-style-type: none"> ● Notifications : <ul style="list-style-type: none"> ○ If security selecting multiple flats - it's getting auto approved - actually among selected flats at least 1 person need to approve then only security should allow inside ○ Display as You + 1 -multiple instead of 103+ 1 - multiple ○ Notification along with vibrate completely
7	Other DONE	<p>In this Update:</p> <ul style="list-style-type: none"> ● Flat Owner <ul style="list-style-type: none"> ○ Append other new fields from “Tenant information form” while adding a new tenant. ● Emergency : When click on emergency icon - Display list of things - <ul style="list-style-type: none"> ○ Society Security No ○ FM Supervisor ○ Police station ○ Ambulance ○ Fire Station ● Home Screen : <ul style="list-style-type: none"> ○ Show approve for pending (deliveries, visitor any approve on home screen) ○ Show Visitors Delivery At Gate Daily Help - as inline tabs view (similar as Today this Week this Month tabs)

Security Mobile App

Sl.No	Task	Description
1	Core DONE	In this Update:

		<ul style="list-style-type: none"> • Publish “Krish-V Security” app to play store • New Login set up <ul style="list-style-type: none"> ◦ Login with mobile number and generate and send OTP ◦ OTP verification <p>Module(s):</p> <p>Sign in Screen</p>
2	<p>Visitor Entry</p> <p>DONE</p>	<p>In this Update:</p> <ul style="list-style-type: none"> • Entry types should be dynamic list from master • Additionally select sub category if available • Select company name if available • Auto arrange the frequently used company names in descending order • User type <ul style="list-style-type: none"> ◦ Remove “Security” option ◦ Rename “other “ to “Common Areas” • Multiple flat delivery <ul style="list-style-type: none"> ◦ Should remove auto approve entry. At least 1 approval required then only security should allow the delivery person inside. <p>Module(s):</p> <p>New Entry Screen</p>
3	<p>Visitor Entries</p> <p>DONE</p>	<p>In this Update:</p> <ul style="list-style-type: none"> • Quick exit option <ul style="list-style-type: none"> ◦ Allow security guards to make an exit of “Visitor” entries without entering a mobile number and capture a photo. • Delayed Exit Alert <ul style="list-style-type: none"> ◦ Notify security guard for non-exit entries If waiting trigger time is passed. • Multiple flat delivery <ul style="list-style-type: none"> ◦ Should remove auto approve entry. At least 1 approval required then only security should allow the delivery person inside. • Show entry time and exit time with each entry record of visitors. <p>Module(s):</p> <p>Home Screen</p>

4	FM Checklist DONE	<p>In this Update:</p> <ul style="list-style-type: none"> • Recurring checklist notification • A screen to find out Pending, Upcoming, Completed recurring checklist tasks for a day • Check list updates history for the current user • A quick form to add reading inputs for the checklist • QR code scanner • Location based submission is only allowed if the distance radius is not more than 50 meters from the amenities. <p>New Module(s):</p> <p>FM Checklist Screen</p>
5	Emergency Contacts DONE	<p>In this Update:</p> <ul style="list-style-type: none"> • Place a link “Emergency contact” under navigation menu bar • Create a new screen and display emergency contact numbers Police, Ambulance, Fire station, Bescom etc. • Quick buttons to click to call <p>New Module(s):</p> <p>Emergency contact Screen</p>
6	Association details DONE	<p>In this Update:</p> <ul style="list-style-type: none"> • FM - Hierarchy <ul style="list-style-type: none"> ◦ Name, Contact No (If society admin is not present - need to show our admin name and contact no) ◦ FM - Photo, Name and Contact No ◦ Society Admin ◦ Association and committee member details <p>New Module(s):</p> <p>Association Detail Screen</p>
7	Help Desk DONE	<p>In this Update:</p> <ul style="list-style-type: none"> • Option to raise a ticket for common areas • Notify a Supervisor (FM) on new ticket creation • Ticket tracking information • Start OTP code • Previous ticket history <p>New Module(s):</p> <p>Help Desk</p>
8	Site visitors DONE	<p>In this Update:</p> <ul style="list-style-type: none"> • New project visit <ul style="list-style-type: none"> ◦ Enter an OTP ◦ Fetch visitor booking details ◦ Validate entry time ◦ Take a photo, no. of persons and allow visitors to enter. • Quick exit <ul style="list-style-type: none"> ◦ Mark an exit of visitors on leave. <p>New Module(s):</p> <p>Help Desk</p>

FM Mobile Apps

Name of the App	Krish-V FM
Package	com.krishv.fm
Platform	Android & iOS
Language	English
Cost	Free

Top Features

- User Login Set-Up
- A common Database
- Real-time Operations
- User Roles & Responsibility
- User Module Access Control
- Personalized Dashboard
- Sensitive Data Encryption
- Location Tracking
- Data Analysis

Users

- Supervisor (FM) - A super user account having access to “*All Modules*” of App.
- Normal Users - Other user accounts having access to “*User Modules*” of the App.

Modules

Sl.No	Task	Description
1	Core DONE	<p>In this Update:</p> <ul style="list-style-type: none"> • Publish “Krish-V FM” app to play store • New Login set up <ul style="list-style-type: none"> ◦ Login with mobile number, generate and send OTP to mobile. ◦ OTP verification • New User Registration (iOS Only) <ul style="list-style-type: none"> ◦ Enter name, email, mobile, password and organization name. ◦ Mobile OTP verification ◦ Create a guest (Fake) account ◦ Wait for the approval (Without approval the user won’t be able to use the app modules)
2	Punch-In / Punch-Out DONE	<p>In this Update:</p> <ul style="list-style-type: none"> • Fetch a current location • Take a photo • Select a project (within 200 meters radius) • Start Punch-In / Punch-Out of the day • Allow multiple punches in a day If allowed <p>Module(s): New Entry Screen</p>

3	Project Switching DONE	<p>In this Update:</p> <ul style="list-style-type: none"> • If user has multiple projects to work on, they can switch between projects to work on specific project at a time • Display the data as per the project selection in all the modules • Auto switch in case of different project notification received on phone <p>Module(s):</p> <p>Home Screen</p>
4	Gate management DONE	<p>In this Update:</p> <ul style="list-style-type: none"> • Security Guards <ul style="list-style-type: none"> ◦ Add/Edit/update/delete and manage the complete security guard accounts and operations similar as ERP • Staffs <ul style="list-style-type: none"> ◦ Add/Edit/update/delete and manage the complete staff data and operations similar as ERP
5	Help Desk DONE	<p>In this Update:</p> <ul style="list-style-type: none"> • Customer Tickets <ul style="list-style-type: none"> ◦ Add/edit/update/delete/track and manage the complete customer tickets and operations similar as ERP • Security Tickets <ul style="list-style-type: none"> ◦ Add/edit/update/delete/track and manage the complete security tickets and operations similar as ERP
6	Attendance DONE	<p>In this Update:</p> <ul style="list-style-type: none"> • Users (Punch-In / Punch-Outs) • Security Guards • Staffs (similar as ERP)
7	FM Checklist DONE	<p>In this Update:</p> <ul style="list-style-type: none"> • Recurring checklist notification • A screen to find out Pending, Upcoming, Completed recurring checklist tasks for a day • Check list updates history • A quick form to add reading inputs for the checklist • QR code scanner • Location based submission is only allowed if the distance radius is not more than 50 meters from the amenities.
8	Report DONE	<p>In this Update:</p> <ul style="list-style-type: none"> • Attendance <ul style="list-style-type: none"> ◦ Users (Punch-In / Punch-Out) ◦ Security Guards ◦ Staffs (similar as ERP) • Help Desk <ul style="list-style-type: none"> ◦ Customer Tickets ◦ Security Tickets • FM Checklist Updates
9	Third-Party Gateways CANCELLED	<p>In this Update:</p> <ul style="list-style-type: none"> • Service configuration <ul style="list-style-type: none"> ◦ Push Notification ◦ Text SMS Gateway ◦ Geolocation APIs

		<ul style="list-style-type: none"> o Email Service
10	App Components CANCELLED	In this Update: <ul style="list-style-type: none"> • Dynamic Content Creation <ul style="list-style-type: none"> o UX/UI Designing o Boot Up slides o Banners o Legal Informations

Quotation & timeline

App	Task	Duration	Pricing
Backend / ERP - Module updates: 24+ nos - New reports: 4+ nos - API Development: 76+ nos - Database Structuring - Deploy to LIVE server	14	70 - 90 days	5.40 lakhs
Customer Apps (Android & iOS) - Module updates: 13+ nos - API Integration: 15+ nos - App versioning - Approve on App store	7	25 – 30 days	2.60 lakhs
Security App (Android) - Module updates: 12+ nos - API Integration: 21+ nos - App versioning - Approve on App store	8	30 – 40 days	2.80 lakhs
FM Apps (Android & iOS) - Complete app development - API Integration: 40+ nos - App versioning - Publish on App store	8	50 – 70 days	4.35 lakhs
Sub Total			Rs. 15,15,000
Total		120 - 150 days 175 – 230 days	Rs. 15,15,000
Promo Discount			- Rs. 5,00,000
Net Total			Rs. 10,15,000 + 18% GST

Note: This price does not include any other charges (like app store fee, domains, server hosting, gateways, any third-party plugins, content writing, etc.)